



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
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**RBW5605G00351-3G-3**  
**Job Sheet 196078**



*REPRINT*

Part No: RBW5605G00351-3G-3

Job Qty: 5 pcs 9-89

Part Name: Handle



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 6/5/19

Job Tracking No:

Due Date: 10/26/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBW5605G00351-3G Rev D IPP Rev A 18.03.23 New issue DP Verify DD/IPP Rev. B 19.06.03 drawing revision DP Verify DD

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation              | Qty      | Start Date | Due Date | Standard  |         | Workcenter/Supplier    |           | Sign-off |
|-------|------------------------|----------|------------|----------|-----------|---------|------------------------|-----------|----------|
|       |                        |          |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier  | Lead Time |          |
| 100   | Conventional Lathe - 1 | 5<br>pcs | 10/26/19   |          | 0.50      | 1.00    | Conventional Lathe - 1 |           |          |
|       |                        |          |            |          |           |         | Conventional Lathe - 2 |           |          |
| 110   | QC 2                   | 5<br>pcs | 10/26/19   |          | 0.00      | 0.00    | QC 2 - 1               |           |          |
|       |                        |          |            |          |           |         | QC 2 - 12              |           |          |
|       |                        |          |            |          |           |         | QC 2 - 14              |           |          |
|       |                        |          |            |          |           |         | QC 2 - 17              |           |          |
|       |                        |          |            |          |           |         | QC 2 - 19              |           |          |
|       |                        |          |            |          |           |         | QC 2 - 2               |           |          |
|       |                        |          |            |          |           |         | QC 2 - 20              |           |          |
|       |                        |          |            |          |           |         | QC 2 - 22              |           |          |
|       |                        |          |            |          |           |         | QC 2 - 23              |           |          |
|       |                        |          |            |          |           |         | QC 2 - 25              |           |          |
|       |                        |          |            |          |           |         | QC 2 - 32              |           |          |
|       |                        |          |            |          |           |         | QC 2 - 33              |           |          |
|       |                        |          |            |          |           |         | QC 2 - 35              |           |          |
|       |                        |          |            |          |           |         | QC 2 - 39              |           |          |
|       |                        |          |            |          |           |         | QC 2 - 4               |           |          |
|       |                        |          |            |          |           |         | QC 2 - 40              |           |          |
|       |                        |          |            |          |           |         | QC 2 - 44              |           |          |
|       |                        |          |            |          |           |         | QC 2 - 45              |           |          |
|       |                        |          |            |          |           |         | QC 2 - 48              |           |          |
|       |                        |          |            |          |           |         | QC 2 - 49              |           |          |
|       |                        |          |            |          |           |         | QC 2 - 50              |           |          |
|       |                        |          |            |          |           |         | QC 2 - 51              |           |          |
|       |                        |          |            |          |           |         | QC 2 - 52              |           |          |
|       |                        |          |            |          |           |         | QC 2 - 57              |           |          |
|       |                        |          |            |          |           |         | QC 2 - 62              |           |          |
|       |                        |          |            |          |           |         | QC 2 - 63              |           |          |
|       |                        |          |            |          |           |         | QC 2 - 8               |           |          |
|       |                        |          |            |          |           |         | QC 2 - 66              |           |          |



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CANADA  
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Email: sales@dartaero.com  
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Container No: S212814



Part: RBW5605G00351 - 3G - 3

Job No: 196078

Serial No/Batch: S212814

Revision: D

Inspector:

Exp Date:

Instructions:

Date: 09/25/19

Plex 9/17/19 1:44 PM Dart.Guerin.Kimberley

|     |                             |          |          |           |                             |  |
|-----|-----------------------------|----------|----------|-----------|-----------------------------|--|
|     |                             |          |          |           | QC 2 - 64                   |  |
|     |                             |          |          |           | QC 2 - 65                   |  |
|     |                             |          |          |           | QC 2 - 5                    |  |
|     |                             |          |          |           | QC 2 - 71                   |  |
|     |                             |          |          |           | QC 2 - 73                   |  |
|     |                             |          |          |           | QC 2 - 69                   |  |
| 112 | Conventional Mill - 1 - B4B | 5<br>pcs | 10/26/19 | 0.00 1.00 | Conventional Mill - 1 - B4B |  |
| 113 | QC 2                        | 5<br>pcs | 10/26/19 | 0.00 0.00 | Conventional Mill - 2 - B4B |  |
|     |                             |          |          |           | QC 2 - 1                    |  |
|     |                             |          |          |           | QC 2 - 12                   |  |
|     |                             |          |          |           | QC 2 - 14                   |  |
|     |                             |          |          |           | QC 2 - 17                   |  |
|     |                             |          |          |           | QC 2 - 19                   |  |
|     |                             |          |          |           | QC 2 - 2                    |  |
|     |                             |          |          |           | QC 2 - 20                   |  |
|     |                             |          |          |           | QC 2 - 22                   |  |
|     |                             |          |          |           | QC 2 - 23                   |  |
|     |                             |          |          |           | QC 2 - 25                   |  |
|     |                             |          |          |           | QC 2 - 32                   |  |
|     |                             |          |          |           | QC 2 - 33                   |  |
|     |                             |          |          |           | QC 2 - 35                   |  |
|     |                             |          |          |           | QC 2 - 39                   |  |
|     |                             |          |          |           | QC 2 - 4                    |  |
|     |                             |          |          |           | QC 2 - 40                   |  |
|     |                             |          |          |           | QC 2 - 44                   |  |
|     |                             |          |          |           | QC 2 - 45                   |  |
|     |                             |          |          |           | QC 2 - 48                   |  |
|     |                             |          |          |           | QC 2 - 49                   |  |
|     |                             |          |          |           | QC 2 - 50                   |  |
|     |                             |          |          |           | QC 2 - 51                   |  |
|     |                             |          |          |           | QC 2 - 52                   |  |
|     |                             |          |          |           | QC 2 - 57                   |  |
|     |                             |          |          |           | QC 2 - 62                   |  |
|     |                             |          |          |           | QC 2 - 63                   |  |
|     |                             |          |          |           | QC 2 - 8                    |  |
|     |                             |          |          |           | QC 2 - 66                   |  |
|     |                             |          |          |           | QC 2 - 64                   |  |
|     |                             |          |          |           | QC 2 - 65                   |  |
|     |                             |          |          |           | QC 2 - 5                    |  |
|     |                             |          |          |           | QC 2 - 71                   |  |
|     |                             |          |          |           | QC 2 - 73                   |  |
|     |                             |          |          |           | QC 2 - 69                   |  |
| 120 | QC 8                        | 5<br>pcs | 10/26/19 | 0.00 0.00 | QC 8 - 12                   |  |
|     |                             |          |          |           | QC 8 - 14                   |  |
|     |                             |          |          |           | QC 8 - 17                   |  |
|     |                             |          |          |           | QC 8 - 20                   |  |
|     |                             |          |          |           | QC 8 - 25                   |  |
|     |                             |          |          |           | QC 8 - 3                    |  |
|     |                             |          |          |           | QC 8 - 32                   |  |
|     |                             |          |          |           | QC 8 - 33                   |  |
|     |                             |          |          |           | QC 8 - 35                   |  |
|     |                             |          |          |           | QC 8 - 39                   |  |
|     |                             |          |          |           | QC 8 - 4                    |  |
|     |                             |          |          |           | QC 8 - 44                   |  |
|     |                             |          |          |           | QC 8 - 45                   |  |
|     |                             |          |          |           | QC 8 - 49                   |  |
|     |                             |          |          |           | QC 8 - 58                   |  |

|     |                               |   |          |              |                        |
|-----|-------------------------------|---|----------|--------------|------------------------|
|     |                               |   |          | QC 8 - 8     |                        |
|     |                               |   |          | QC 8 - 9     |                        |
|     |                               |   |          | QC 8 - 68    |                        |
|     |                               |   |          | QC 8 - 67    |                        |
|     |                               |   |          | QC 8 - 1 (A) |                        |
|     |                               |   |          | QC 8 - 47    |                        |
|     |                               |   |          | QC 8 - 40    |                        |
|     |                               |   |          | QC 8 - 52    |                        |
|     |                               |   |          | QC 8 - 23    |                        |
|     |                               |   |          | QC 8 - 57    |                        |
| 121 | Outsource - 12 - Black Oxide  | 5 | 10/26/19 | GRO002-VC    |                        |
|     | pcs                           |   |          |              |                        |
| 122 | Packaging 2-1 - Receive - B4B | 5 | 10/26/19 | 0.00 0.00    | Packaging 2 - 1 - B4B  |
|     | pcs                           |   |          |              |                        |
| 123 | QC 6                          | 5 | 10/26/19 | 0.00 0.00    | QC 6 - 40              |
|     | pcs                           |   |          |              |                        |
| 124 | Small Fab - 2 - B4B           | 5 | 10/26/19 | 0.00 0.00    | Small Fab - 1 - B4B    |
|     | pcs                           |   |          |              |                        |
| 125 | QC 5                          | 5 | 10/26/19 | 0.00 0.00    | QC 5 - 10              |
|     | pcs                           |   |          |              |                        |
| 130 | Packaging 3-1 - Stock - B4B   | 5 | 10/26/19 | 0.00 0.00    | Packaging 3 - 1 - B4B  |
|     | pcs                           |   |          |              |                        |
|     |                               |   |          |              | Packaging 3 - 2 - B4B  |
|     |                               |   |          |              | Packaging 3 - 3 - B4B  |
|     |                               |   |          |              | Packaging 3 - 4 - B4B  |
|     |                               |   |          |              | Packaging 3 - 5 - B4B  |
|     |                               |   |          |              | Packaging 3 - 6 - B4B  |
|     |                               |   |          |              | Packaging 3 - 7 - B4B  |
|     |                               |   |          |              | Packaging 3 - 8 - B4B  |
|     |                               |   |          |              | Packaging 3 - 9 - B4B  |
|     |                               |   |          |              | Packaging 3 - 10 - B4B |
|     |                               |   |          |              | Packaging 3 - 11 - B4B |
|     |                               |   |          |              | Packaging 3 - 12 - B4B |
|     |                               |   |          |              | Packaging 3 - 13 - B4B |
|     |                               |   |          |              | Packaging 3 - 14 - B4B |
|     |                               |   |          |              | Packaging 3 - 15 - B4B |
|     |                               |   |          |              | Packaging 3 - 16 - B4B |
|     |                               |   |          |              | Packaging 3 - 17 - B4B |
|     |                               |   |          |              | Packaging 3 - 18 - B4B |
|     |                               |   |          |              | Packaging 3 - 19 - B4B |
|     |                               |   |          |              | Packaging 3 - 20 - B4B |
|     |                               |   |          |              | Packaging 3 - 21 - B4B |
|     |                               |   |          |              | Packaging 3 - 22 - B4B |
|     |                               |   |          |              | Packaging 3 - 23 - B4B |
|     |                               |   |          |              | Packaging 3 - 24 - B4B |
|     |                               |   |          |              | Packaging 3 - 25 - B4B |
|     |                               |   |          |              | Packaging 3 - 26 - B4B |
|     |                               |   |          |              | Packaging 3 - 27 - B4B |
|     |                               |   |          |              | Packaging 3 - 28 - B4B |
|     |                               |   |          |              | Packaging 3 - 29 - B4B |
|     |                               |   |          |              | Packaging 3 - 30 - B4B |
|     |                               |   |          |              | Packaging 3 - 31 - B4B |
|     |                               |   |          |              | Packaging 3 - 32 - B4B |
|     |                               |   |          |              | Packaging 3 - 33 - B4B |
|     |                               |   |          |              | Packaging 3 - 34 - B4B |
|     |                               |   |          |              | Packaging 3 - 35 - B4B |
|     |                               |   |          |              | Packaging 3 - 36 - B4B |
| 140 | QC 21 - SA                    | 5 | 10/26/19 | 0.00 0.00    | QC 21 - SA - 21        |
|     | pcs                           |   |          |              | QC 21 - SA - 70        |
|     |                               |   |          |              | QC 21 - SA - 53        |

Part Op 100 - (Manufacture as per dwg) 1-Machine as per DWG. 2-USE FIXTURE DT 10396

Descriptions: **110** - (QC2- Inspect parts off machine FAI/FAIB) Engrave T/N and/or P/N number using Marktronic engraver as per DWG.  
**112** - 1-Machine as per drawing. 2-Remove handles from shank, identify accordingly and stock in small fab for re assembly later.  
**113** - QC2- Inspect parts off machine FAI/FAIB  
**120** - (QC8- Inspect parts - second check) Engrave T/N and/or P/N using MARKTRONIC engraver as per DWG.  
**121** - -Issue P/O; \_\_\_\_\_ -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; Tool steel -Certificate of Conformity is required  
**122** - (Pac2-Receive & Inspect for Damage & Mat'l Certs.)  
**123** - (QC6- All purchased or subcontracted products)  
**124** - 1-Re install previously removed handles.  
**125** - (QC5- Inspect part completeness to step on W/O)  
**130** - (Identify as per dwg & Stock Location: \_\_\_\_\_) IDENTIFY AND STOCK  
**140** - (QC21- Final Inspection - Work Order Release)

**Job BOM**

| Part / Item | Component Name                  | Quantity    | Operation                  | Container        |
|-------------|---------------------------------|-------------|----------------------------|------------------|
| JP0204R     | Phillips Round Bar Scwdriver 4" | 5 Ea (1 ea) | 100-Conventional Lathe - 1 | SL89506<br>GA091 |

**Job Allocations**

| Operation                  | Component Part | Required | Inventory | Allocated |
|----------------------------|----------------|----------|-----------|-----------|
| 100-Conventional Lathe - 1 | JP0204R        | 5        | 2         | 0         |

**Part Specifications**

Specifications could not be found.

Plex 9/17/19 1:44 PM Dart.Guerin.Kimberley



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**RBW5605G00351-3G-3**  
**Job Sheet 196078**



Part No: RBW5605G00351-3G-3

Job Qty: 5 pcs

Part Name: Handle



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 6/5/19

Job Tracking No:

Due Date: 7/26/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBW5605G00351-3G Rev D IPP Rev A 18.03.23 New issue DP Verify DD/IPP Rev. B 19.06.03 drawing revision DP Verify DD

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation              | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier    |           | Sign-off   |
|-------|------------------------|-------|------------|----------|-----------|---------|------------------------|-----------|------------|
|       |                        |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier  | Lead Time |            |
| 100   | Conventional Lathe - 1 | 5 pcs | 7/26/19    | 7/26/19  | 0.50      | 1.00    | Conventional Lathe - 1 |           | /          |
|       |                        |       |            |          |           |         | Conventional Lathe - 2 |           |            |
| 110   | QC 2                   | 5 pcs | 7/26/19    | 7/26/19  | 0.00      | 0.00    | QC 2 - 1               |           |            |
|       |                        |       |            |          |           |         | QC 2 - 12              |           |            |
|       |                        |       |            |          |           |         | QC 2 - 14              |           |            |
|       |                        |       |            |          |           |         | QC 2 - 17              |           |            |
|       |                        |       |            |          |           |         | QC 2 - 19              |           |            |
|       |                        |       |            |          |           |         | QC 2 - 2               |           |            |
|       |                        |       |            |          |           |         | QC 2 - 20              |           |            |
|       |                        |       |            |          |           |         | QC 2 - 22              |           |            |
|       |                        |       |            |          |           |         | QC 2 - 23              |           |            |
|       |                        |       |            |          |           |         | QC 2 - 25              |           |            |
|       |                        |       |            |          |           |         | QC 2 - 32              |           |            |
|       |                        |       |            |          |           |         | QC 2 - 33              |           |            |
|       |                        |       |            |          |           |         | QC 2 - 35              |           |            |
|       |                        |       |            |          |           |         | QC 2 - 39              |           |            |
|       |                        |       |            |          |           |         | QC 2 - 4               |           |            |
|       |                        |       |            |          |           |         | QC 2 - 40              |           |            |
|       |                        |       |            |          |           |         | QC 2 - 44              |           |            |
|       |                        |       |            |          |           |         | QC 2 - 45              |           |            |
|       |                        |       |            |          |           |         | QC 2 - 48              |           |            |
|       |                        |       |            |          |           |         | QC 2 - 49              |           |            |
|       |                        |       |            |          |           |         | QC 2 - 50              |           |            |
|       |                        |       |            |          |           |         | QC 2 - 51              |           |            |
|       |                        |       |            |          |           |         | QC 2 - 52              |           |            |
|       |                        |       |            |          |           |         | QC 2 - 57              |           |            |
|       |                        |       |            |          |           |         | QC 2 - 62              |           |            |
|       |                        |       |            |          |           |         | QC 2 - 63              |           | / 19/11/19 |
|       |                        |       |            |          |           |         | QC 2 - 8               |           |            |
|       |                        |       |            |          |           |         | QC 2 - 66              |           |            |



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Container No: S212814



Part: RBW5605G00351-3G-3

Job No: 196078

Serial No/Batch: S212814

Revision: D

Inspector:

Exp Date:

Instructions:

Date: 09/11/19

Plex 6/5/19 12:57 PM Dart.lajeunesse.marie

|     |                             |       |         |           |                             |                    |
|-----|-----------------------------|-------|---------|-----------|-----------------------------|--------------------|
|     |                             |       |         |           | QC 2 - 64                   |                    |
|     |                             |       |         |           | QC 2 - 65                   |                    |
|     |                             |       |         |           | QC 2 - 5                    |                    |
|     |                             |       |         |           | QC 2 - 71                   |                    |
|     |                             |       |         |           | QC 2 - 73                   |                    |
|     |                             |       |         |           | QC 2 - 69                   |                    |
|     |                             |       |         |           | QC 2 - 69                   |                    |
| 112 | Conventional Mill - 1 - B4B | 5 pcs | 7/26/19 | 0.00 1.00 | Conventional Mill - 1 - B4B | NOT REC'd 11/19/19 |
|     |                             |       |         |           | Conventional Mill - 2 - B4B |                    |
| 113 | QC 2                        | 5 pcs | 7/26/19 | 0.00 0.00 | QC 2 - 1                    |                    |
|     |                             |       |         |           | QC 2 - 12                   |                    |
|     |                             |       |         |           | QC 2 - 14                   |                    |
|     |                             |       |         |           | QC 2 - 17                   |                    |
|     |                             |       |         |           | QC 2 - 19                   |                    |
|     |                             |       |         |           | QC 2 - 2                    |                    |
|     |                             |       |         |           | QC 2 - 20                   |                    |
|     |                             |       |         |           | QC 2 - 22                   |                    |
|     |                             |       |         |           | QC 2 - 23                   |                    |
|     |                             |       |         |           | QC 2 - 25                   |                    |
|     |                             |       |         |           | QC 2 - 32                   |                    |
|     |                             |       |         |           | QC 2 - 33                   |                    |
|     |                             |       |         |           | QC 2 - 35                   |                    |
|     |                             |       |         |           | QC 2 - 39                   |                    |
|     |                             |       |         |           | QC 2 - 4                    |                    |
|     |                             |       |         |           | QC 2 - 40                   |                    |
|     |                             |       |         |           | QC 2 - 44                   |                    |
|     |                             |       |         |           | QC 2 - 45                   |                    |
|     |                             |       |         |           | QC 2 - 48                   |                    |
|     |                             |       |         |           | QC 2 - 49                   |                    |
|     |                             |       |         |           | QC 2 - 50                   |                    |
|     |                             |       |         |           | QC 2 - 51                   |                    |
|     |                             |       |         |           | QC 2 - 52                   |                    |
|     |                             |       |         |           | QC 2 - 57                   |                    |
|     |                             |       |         |           | QC 2 - 62                   |                    |
|     |                             |       |         |           | QC 2 - 63                   |                    |
|     |                             |       |         |           | QC 2 - 8                    |                    |
|     |                             |       |         |           | QC 2 - 66                   |                    |
|     |                             |       |         |           | QC 2 - 64                   |                    |
|     |                             |       |         |           | QC 2 - 65                   |                    |
|     |                             |       |         |           | QC 2 - 5                    |                    |
|     |                             |       |         |           | QC 2 - 71                   |                    |
|     |                             |       |         |           | QC 2 - 73                   |                    |
|     |                             |       |         |           | QC 2 - 69                   |                    |
| 120 | QC 8                        | 5 pcs | 7/26/19 | 0.00 0.00 | QC 8 - 12                   | m 19/09/19         |
|     |                             |       |         |           | QC 8 - 14                   |                    |
|     |                             |       |         |           | QC 8 - 17                   |                    |
|     |                             |       |         |           | QC 8 - 20                   |                    |
|     |                             |       |         |           | QC 8 - 25                   |                    |
|     |                             |       |         |           | QC 8 - 3                    |                    |
|     |                             |       |         |           | QC 8 - 32                   |                    |
|     |                             |       |         |           | QC 8 - 33                   |                    |
|     |                             |       |         |           | QC 8 - 35                   |                    |
|     |                             |       |         |           | QC 8 - 39                   |                    |
|     |                             |       |         |           | QC 8 - 4                    |                    |
|     |                             |       |         |           | QC 8 - 44                   |                    |
|     |                             |       |         |           | QC 8 - 45                   |                    |
|     |                             |       |         |           | QC 8 - 49                   |                    |
|     |                             |       |         |           | QC 8 - 58                   |                    |
|     |                             |       |         |           | QC 8 - 8                    |                    |
|     |                             |       |         |           | QC 8 - 9                    |                    |

|                                       |         |           |           |                        |  |
|---------------------------------------|---------|-----------|-----------|------------------------|--|
|                                       |         |           |           | QC 8 - 68              |  |
|                                       |         |           |           | QC 8 - 67              |  |
|                                       |         |           |           | QC 8 - 1 (A)           |  |
|                                       |         |           |           | QC 8 - 47              |  |
|                                       |         |           |           | QC 8 - 40              |  |
|                                       |         |           |           | QC 8 - 52              |  |
|                                       |         |           |           | QC 8 - 23              |  |
|                                       |         |           |           | QC 8 - 57              |  |
| 130 Packaging 3-1 - Stock - B4B 5 pcs | 7/26/19 | 0.00 0.00 |           | Packaging 3 - 1 - B4B  |  |
|                                       |         |           |           | Packaging 3 - 2 - B4B  |  |
|                                       |         |           |           | Packaging 3 - 3 - B4B  |  |
|                                       |         |           |           | Packaging 3 - 4 - B4B  |  |
|                                       |         |           |           | Packaging 3 - 5 - B4B  |  |
|                                       |         |           |           | Packaging 3 - 6 - B4B  |  |
|                                       |         |           |           | Packaging 3 - 7 - B4B  |  |
|                                       |         |           |           | Packaging 3 - 8 - B4B  |  |
|                                       |         |           |           | Packaging 3 - 9 - B4B  |  |
|                                       |         |           |           | Packaging 3 - 10 - B4B |  |
|                                       |         |           |           | Packaging 3 - 11 - B4B |  |
|                                       |         |           |           | Packaging 3 - 12 - B4B |  |
|                                       |         |           |           | Packaging 3 - 13 - B4B |  |
|                                       |         |           |           | Packaging 3 - 14 - B4B |  |
|                                       |         |           |           | Packaging 3 - 15 - B4B |  |
|                                       |         |           |           | Packaging 3 - 16 - B4B |  |
|                                       |         |           |           | Packaging 3 - 17 - B4B |  |
|                                       |         |           |           | Packaging 3 - 18 - B4B |  |
|                                       |         |           |           | Packaging 3 - 19 - B4B |  |
|                                       |         |           |           | Packaging 3 - 20 - B4B |  |
|                                       |         |           |           | Packaging 3 - 21 - B4B |  |
|                                       |         |           |           | Packaging 3 - 22 - B4B |  |
|                                       |         |           |           | Packaging 3 - 23 - B4B |  |
|                                       |         |           |           | Packaging 3 - 24 - B4B |  |
|                                       |         |           |           | Packaging 3 - 25 - B4B |  |
|                                       |         |           |           | Packaging 3 - 26 - B4B |  |
|                                       |         |           |           | Packaging 3 - 27 - B4B |  |
|                                       |         |           |           | Packaging 3 - 28 - B4B |  |
|                                       |         |           |           | Packaging 3 - 29 - B4B |  |
|                                       |         |           |           | Packaging 3 - 30 - B4B |  |
|                                       |         |           |           | Packaging 3 - 31 - B4B |  |
|                                       |         |           |           | Packaging 3 - 32 - B4B |  |
|                                       |         |           |           | Packaging 3 - 33 - B4B |  |
|                                       |         |           |           | Packaging 3 - 34 - B4B |  |
|                                       |         |           |           | Packaging 3 - 35 - B4B |  |
|                                       |         |           |           | Packaging 3 - 36 - B4B |  |
| 140 QC 21 - SA                        | 5 pcs   | 7/26/19   | 0.00 0.00 | QC 21 - SA - 21        |  |
|                                       |         |           |           | QC 21 - SA - 70        |  |
|                                       |         |           |           | QC 21 - SA - 53        |  |

Part Op 100 - (Manufacture as per dwg) 1-Machine as per DWG. 2-USE FIXTURE DT 10396  
 Descriptions: 110 - (QC2- Inspect parts off machine FAI/FAIB) Engrave T/N and/or P/N number using Marktronic engraver as per DWG.  
 112 - Machine as per drawing.  
 120 - (QC8- Inspect parts - second check) Engrave T/N and/or P/N using MARKTRONIC engraver as per DWG.  
 130 - (Identify as per dwg & Stock Location: \_\_\_\_\_) IDENTIFY AND STOCK  
 140 - (QC21- Final Inspection - Work Order Release)

## Job BOM

| Part / Item | Component Name                  | Quantity    | Operation                  | Container        |
|-------------|---------------------------------|-------------|----------------------------|------------------|
| JP0204R     | Phillips Round Bar Scwdriver 4" | 5 Ea (1 ea) | 100-Conventional Lathe - 1 | 5189506<br>FA091 |

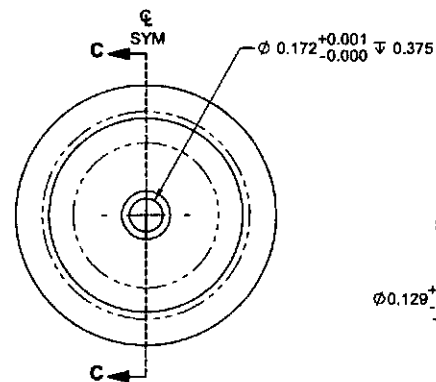
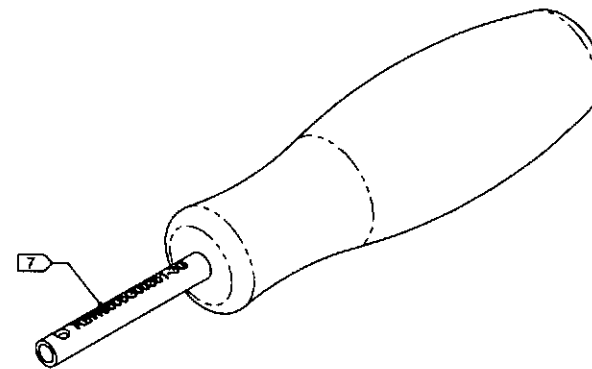
| Job Allocations                    |                |          |           |           |
|------------------------------------|----------------|----------|-----------|-----------|
| Operation                          | Component Part | Required | Inventory | Allocated |
| 100-Conventional Lathe - 1         | JP0204R        | 5        | 2         | 0         |
| Part Specifications                |                |          |           |           |
| Specifications could not be found. |                |          |           |           |

Plex 6/5/19 12:57 PM Dart.lajeunesse.marie

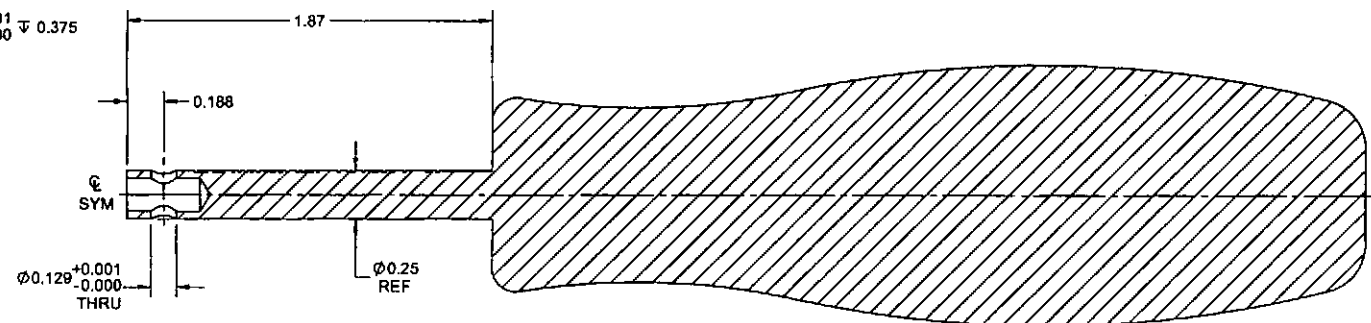




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 WORK ORDER  
 NO. 196078MCS  
 190605



**RBW5605G00351-3G-3 HANDLE**



**SECTION C-C**

**NOTES:**

- 1) MATERIAL: PROTO#JP0204R OR EQUIV (#2 PHILIPS SCREWDRIVER 4")
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1"  
 X.XX = +/- 0.01" / +/- 0.5"  
 X.XXX = +/- 0.005" / +/- 0.1"  
 X.XXXX = +/- 0.0005" / +/- 0.05"  
 PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N, "RBW5605G00351-3G", AS SHOWN

|            |            |                                                                                                                                                                                                                                                                                       |              |
|------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| DESIGN     | VM         | <b>DART AEROSPACE LTD</b>                                                                                                                                                                                                                                                             |              |
| DRAWN      | VM         | HAWKESBURY, ONTARIO, CANADA                                                                                                                                                                                                                                                           |              |
| CHECKED    | KPT        | TOOL PART #                                                                                                                                                                                                                                                                           | REV. D       |
| MFG. APPR. | DP         | RBW5605G00351-3G                                                                                                                                                                                                                                                                      | SHEET 3 OF 3 |
| APPROVED   |            | TITLE                                                                                                                                                                                                                                                                                 | SCALE        |
|            |            | FILLER INSTALLATION TOOL                                                                                                                                                                                                                                                              | NTS          |
| DATE       | 2019-05-31 | COPYRIGHT © 2019 BY DART AEROSPACE LTD<br><small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS FOR THE EXCLUSIVE USE OF THE CUSTOMER. IT IS NOT TO BE USED FOR ANY PURPOSE OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.</small> |              |

Entered: *E. Evans* Date: *Oct 3/19*



NCR No. 19-7380

**WORK ORDER NON-CONFORMANCE / ROUTE UPDATE**

Route update only

|                                                                                                                                                                                                                                                           |                 |                                                                                                                    |                                                          |                                                                                                                |                                                                                                                 |                                                                                                                                                 |                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Job: 196078                                                                                                                                                                                                                                               |                 | DISPOSITION                                                                                                        |                                                          | DEPARTMENT/PROCESS                                                                                             |                                                                                                                 |                                                                                                                                                 |                                                                                                                         |
| Part No. RBW5605600351-3G-3                                                                                                                                                                                                                               |                 | Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input checked="" type="checkbox"/> |                                                          | Skid-tube <input type="checkbox"/><br>Machining <input type="checkbox"/><br>Large Fab <input type="checkbox"/> | Cross tube <input type="checkbox"/><br>Small Fab <input type="checkbox"/><br>Finishing <input type="checkbox"/> | Eng. (Non-AW) <input checked="" type="checkbox"/><br>Prod. Eng. Coord. <input type="checkbox"/><br>Rec/Store/Packaging <input type="checkbox"/> | Engineering <input type="checkbox"/><br>Water Jet <input type="checkbox"/><br>Supplier Quality <input type="checkbox"/> |
| Date: 2019-09-10                                                                                                                                                                                                                                          | Sequence #: 100 | QTY Affected: 5                                                                                                    |                                                          |                                                                                                                | MRB (QSI042)                                                                                                    |                                                                                                                                                 |                                                                                                                         |
| Description Work Order Deviation                                                                                                                                                                                                                          |                 | Disposition                                                                                                        |                                                          |                                                                                                                |                                                                                                                 | Completed By                                                                                                                                    |                                                                                                                         |
| DIM WAS $\phi 0.172 +0.001/-0.000 \downarrow 0.375$<br>IS #8-32 UNC $\downarrow 0.44$<br>REMOVE $\phi 0.129 +0.001/-0.000$ THRU<br>FEATURE<br>SCREWDRIVER SHANK MUST BE REMOVED,<br>FINISHED BLACK OXIDE, AND THEN<br>REINSTALLED WITH SCREWDRIVER HANDLE |                 | THIS DEVIATION IS<br>ACCEPTABLE                                                                                    |                                                          |                                                                                                                |                                                                                                                 | 11/19/11                                                                                                                                        |                                                                                                                         |
|                                                                                                                                                                                                                                                           |                 |                                                                                                                    |                                                          |                                                                                                                |                                                                                                                 | Lead hand / Supervisor                                                                                                                          |                                                                                                                         |
|                                                                                                                                                                                                                                                           |                 |                                                                                                                    |                                                          |                                                                                                                |                                                                                                                 | QC / QA Coordinator                                                                                                                             |                                                                                                                         |
|                                                                                                                                                                                                                                                           |                 |                                                                                                                    |                                                          |                                                                                                                |                                                                                                                 | DAS                                                                                                                                             |                                                                                                                         |
|                                                                                                                                                                                                                                                           |                 |                                                                                                                    |                                                          |                                                                                                                |                                                                                                                 | 68                                                                                                                                              |                                                                                                                         |
|                                                                                                                                                                                                                                                           |                 |                                                                                                                    |                                                          |                                                                                                                |                                                                                                                 | 9-89                                                                                                                                            |                                                                                                                         |
|                                                                                                                                                                                                                                                           |                 |                                                                                                                    |                                                          |                                                                                                                |                                                                                                                 | SEP 16 2019                                                                                                                                     |                                                                                                                         |
| Root Cause                                                                                                                                                                                                                                                |                 | FAULT CATEGORY                                                                                                     |                                                          |                                                                                                                |                                                                                                                 |                                                                                                                                                 |                                                                                                                         |
| Operator <input type="checkbox"/>                                                                                                                                                                                                                         |                 | <input type="checkbox"/> Pressure/Forced                                                                           | <input type="checkbox"/> Contamination                   | <input type="checkbox"/> Power Loss/Surge                                                                      | <input type="checkbox"/> Positioned Wrong                                                                       |                                                                                                                                                 |                                                                                                                         |
| Manufacturing Process <input type="checkbox"/>                                                                                                                                                                                                            |                 | <input type="checkbox"/> Bending                                                                                   | <input type="checkbox"/> Misaligned/off center           | <input type="checkbox"/> Folio/Program                                                                         | <input type="checkbox"/> Outside Tolerance                                                                      |                                                                                                                                                 |                                                                                                                         |
| Equip/Tooling <input type="checkbox"/>                                                                                                                                                                                                                    |                 | <input type="checkbox"/> Crushing                                                                                  | <input type="checkbox"/> BOM/Route                       | <input type="checkbox"/> Grain Direction                                                                       | <input type="checkbox"/> Drawing                                                                                |                                                                                                                                                 |                                                                                                                         |
| Handling/Presservation <input type="checkbox"/>                                                                                                                                                                                                           |                 | <input type="checkbox"/> Cracks                                                                                    | <input type="checkbox"/> Broken/Damage/Defect            | <input type="checkbox"/> Weld                                                                                  | <input type="checkbox"/> Finish                                                                                 |                                                                                                                                                 |                                                                                                                         |
| Material <input type="checkbox"/>                                                                                                                                                                                                                         |                 | <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist                                                              | <input type="checkbox"/> Incomplete/Unclear Instructions | <input type="checkbox"/> Wrong Stock Pulled                                                                    | <input type="checkbox"/> Part Lost/Missing                                                                      |                                                                                                                                                 |                                                                                                                         |
| Product Improvement <input checked="" type="checkbox"/>                                                                                                                                                                                                   |                 | <input type="checkbox"/> Marks/Chatter                                                                             | <input type="checkbox"/> Drill Holes                     | <input type="checkbox"/> Out of Sequence                                                                       | <input type="checkbox"/> Misread                                                                                |                                                                                                                                                 |                                                                                                                         |
| Process Improvement <input type="checkbox"/>                                                                                                                                                                                                              |                 | <input type="checkbox"/> Mislabeled                                                                                | <input checked="" type="checkbox"/> Fit/Function         | <input type="checkbox"/> Off-set/Set-up                                                                        |                                                                                                                 |                                                                                                                                                 |                                                                                                                         |
| Human Factors <input type="checkbox"/>                                                                                                                                                                                                                    |                 | Other/Details:                                                                                                     |                                                          |                                                                                                                |                                                                                                                 |                                                                                                                                                 |                                                                                                                         |

Entered: \_\_\_\_\_ Date: \_\_\_\_\_



# WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                 |  |                                                                                                                                                                               |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                                  |                                         |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------|----------------------------------------|--------------------------------------------|-----------------------------------|------------------------------------|------------------------------------------|----------------------------------|---------------------------------|-----------------------------------------------|-------------------------------|---------------------------------|-------------------------------------------------------|----------------------------------------------------------|---------------------------------------------|--------------------------------------------|----------------------------------------|--------------------------------------|------------------------------------------|----------------------------------|-------------------------------------|--------------------------------------------------|-----------------------------------------|--|
| Job: <u>AG078</u><br>Part No. <u>RBU5605600351-36-3</u>                                                                                                                                                                                                                                                                                                                                        |                                                          | <b>DISPOSITION</b><br>Rework <input type="checkbox"/><br>Scrap <input checked="" type="checkbox"/><br>Use-as-is <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                            | <b>DEPARTMENT/PROCESS</b><br>Skid-tube <input type="checkbox"/> Cross tube <input type="checkbox"/> Eng. (Non-AW) <input checked="" type="checkbox"/> Engineering <input checked="" type="checkbox"/><br>Machining <input type="checkbox"/> Small Fab <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Water Jet <input type="checkbox"/><br>Large Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier Quality <input type="checkbox"/> |  |                                                                 |  |                                                                                                                                                                               |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                                  |                                         |  |
| Date: <u>19.10.17</u>                                                                                                                                                                                                                                                                                                                                                                          |                                                          | Sequence #: <u>100</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                            | QTY Affected: <u>4</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | DAS <sup>MRB (QS1042)</sup><br><b>51</b><br>9-89 <u>9/09/19</u> |  |                                                                                                                                                                               |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                                  |                                         |  |
| <b>Description Work Order Deviation</b><br>machining was following w/o Drawing and tapping into a hard metal shaft, resulting in tap breaking off.                                                                                                                                                                                                                                             |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                            | <b>Disposition</b><br>- Scrap destroy 4 parts<br>- New design will be implemented with the new revision<br>& design to be updated on the rev E. version <sup>①</sup>                                                                                                                                                                                                                                                                                                                                                         |  |                                                                 |  | Completed By<br><u>[Signature]</u> <u>19/10/18</u><br>Lead hand / Supervisor<br><u>[Signature]</u> <u>19/10/18</u><br>QC / QA Coordinator<br>DAS<br>9<br>9-89 <u>19.10.17</u> |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                                  |                                         |  |
| <b>Root Cause</b><br>Operator <input type="checkbox"/><br>Manufacturing Process <input type="checkbox"/><br>Equip/Tooling <input type="checkbox"/><br>Handling/Preservation <input type="checkbox"/><br>Material <input type="checkbox"/><br>Product Improvement <input checked="" type="checkbox"/><br>Process Improvement <input type="checkbox"/><br>Human Factors <input type="checkbox"/> |                                                          | <b>FAULT CATEGORY</b><br><table border="0"> <tr> <td><input type="checkbox"/> Pressure/Forced</td> <td><input type="checkbox"/> Contamination</td> <td><input type="checkbox"/> Power Loss/Surge</td> <td><input type="checkbox"/> Positioned Wrong</td> </tr> <tr> <td><input type="checkbox"/> Bending</td> <td><input type="checkbox"/> Misaligned/off center</td> <td><input type="checkbox"/> Folio/Program</td> <td><input type="checkbox"/> Outside Tolerance</td> </tr> <tr> <td><input type="checkbox"/> Crushing</td> <td><input type="checkbox"/> BOM/Route</td> <td><input type="checkbox"/> Grain Direction</td> <td><input type="checkbox"/> Drawing</td> </tr> <tr> <td><input type="checkbox"/> Cracks</td> <td><input type="checkbox"/> Broken/Damage/Defect</td> <td><input type="checkbox"/> Weld</td> <td><input type="checkbox"/> Finish</td> </tr> <tr> <td><input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist</td> <td><input type="checkbox"/> Incomplete/Unclear Instructions</td> <td><input type="checkbox"/> Wrong Stock Pulled</td> <td><input type="checkbox"/> Part Lost/Missing</td> </tr> <tr> <td><input type="checkbox"/> Marks/Chatter</td> <td><input type="checkbox"/> Drill Holes</td> <td><input type="checkbox"/> Out of Sequence</td> <td><input type="checkbox"/> Misread</td> </tr> <tr> <td><input type="checkbox"/> Mislabeled</td> <td><input checked="" type="checkbox"/> Fit/Function</td> <td><input type="checkbox"/> Off-set/Set-up</td> <td></td> </tr> </table> |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                 |  | <input type="checkbox"/> Pressure/Forced                                                                                                                                      | <input type="checkbox"/> Contamination | <input type="checkbox"/> Power Loss/Surge | <input type="checkbox"/> Positioned Wrong | <input type="checkbox"/> Bending | <input type="checkbox"/> Misaligned/off center | <input type="checkbox"/> Folio/Program | <input type="checkbox"/> Outside Tolerance | <input type="checkbox"/> Crushing | <input type="checkbox"/> BOM/Route | <input type="checkbox"/> Grain Direction | <input type="checkbox"/> Drawing | <input type="checkbox"/> Cracks | <input type="checkbox"/> Broken/Damage/Defect | <input type="checkbox"/> Weld | <input type="checkbox"/> Finish | <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist | <input type="checkbox"/> Incomplete/Unclear Instructions | <input type="checkbox"/> Wrong Stock Pulled | <input type="checkbox"/> Part Lost/Missing | <input type="checkbox"/> Marks/Chatter | <input type="checkbox"/> Drill Holes | <input type="checkbox"/> Out of Sequence | <input type="checkbox"/> Misread | <input type="checkbox"/> Mislabeled | <input checked="" type="checkbox"/> Fit/Function | <input type="checkbox"/> Off-set/Set-up |  |
| <input type="checkbox"/> Pressure/Forced                                                                                                                                                                                                                                                                                                                                                       | <input type="checkbox"/> Contamination                   | <input type="checkbox"/> Power Loss/Surge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <input type="checkbox"/> Positioned Wrong  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                 |  |                                                                                                                                                                               |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                                  |                                         |  |
| <input type="checkbox"/> Bending                                                                                                                                                                                                                                                                                                                                                               | <input type="checkbox"/> Misaligned/off center           | <input type="checkbox"/> Folio/Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <input type="checkbox"/> Outside Tolerance |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                 |  |                                                                                                                                                                               |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                                  |                                         |  |
| <input type="checkbox"/> Crushing                                                                                                                                                                                                                                                                                                                                                              | <input type="checkbox"/> BOM/Route                       | <input type="checkbox"/> Grain Direction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <input type="checkbox"/> Drawing           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                 |  |                                                                                                                                                                               |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                                  |                                         |  |
| <input type="checkbox"/> Cracks                                                                                                                                                                                                                                                                                                                                                                | <input type="checkbox"/> Broken/Damage/Defect            | <input type="checkbox"/> Weld                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> Finish            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                 |  |                                                                                                                                                                               |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                                  |                                         |  |
| <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist                                                                                                                                                                                                                                                                                                                                          | <input type="checkbox"/> Incomplete/Unclear Instructions | <input type="checkbox"/> Wrong Stock Pulled                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <input type="checkbox"/> Part Lost/Missing |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                 |  |                                                                                                                                                                               |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                                  |                                         |  |
| <input type="checkbox"/> Marks/Chatter                                                                                                                                                                                                                                                                                                                                                         | <input type="checkbox"/> Drill Holes                     | <input type="checkbox"/> Out of Sequence                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <input type="checkbox"/> Misread           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                 |  |                                                                                                                                                                               |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                                  |                                         |  |
| <input type="checkbox"/> Mislabeled                                                                                                                                                                                                                                                                                                                                                            | <input checked="" type="checkbox"/> Fit/Function         | <input type="checkbox"/> Off-set/Set-up                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                 |  |                                                                                                                                                                               |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                                  |                                         |  |
|                                                                                                                                                                                                                                                                                                                                                                                                |                                                          | Other/Details: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                 |  |                                                                                                                                                                               |                                        |                                           |                                           |                                  |                                                |                                        |                                            |                                   |                                    |                                          |                                  |                                 |                                               |                               |                                 |                                                       |                                                          |                                             |                                            |                                        |                                      |                                          |                                  |                                     |                                                  |                                         |  |



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## POHB044523



**Supplier:** GRO002-VC  
Group Altech  
2455 Halpern  
St Laurent  
QC  
H4S 1N9 Canada  
Phone: 514-335-3666  
Fax: 514-335-3868

**Attention:** Grenon, Sylvie

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**PO No:** POHB044523

**PO Date:** 9/17/19

**Due Date:** 9/25/19

**Purchase Order  
Revision:**

**Revision Date:**

**Ship-To Contact:** Guerin, Kimberley  
Phone: 613-632-5200 Ext: 298  
kguerin@dartaero.com

**Via:** Ground

**Pymt Terms:** Net 60

**Freight Terms:**

**Special Comments:**

**E-MAILED**  
2019-09-20

### Items

| Line Item | Job    | Part       | Description                                                                                                                                                                                                                                                                                           | Status | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
|-----------|--------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|----------|----------------|-------------------|---------|------------------|----------------|
| 1         | 198284 | RBT18635-3 | Spud<br>-Issue P/O to Groupe Altech;<br>PO _____<br>-Black oxide finish, MIL-C-13924C Class 1<br>-Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III<br>Or MILL-C23411A or MIL-PRF-81309 and wipe off excess.<br>-Certificate of Conformity is required            | Firmed | -       | 9/25/19  | 4 pcs          | 0 pcs             | 4 pcs   | \$5.96/pcs       | \$23.84        |
| 2         | 198282 | RBT18635-1 | Adapter Bushing<br>-Issue P/O to Groupe Altech;<br>PO _____<br>-Black oxide finish, MIL-C-13924C Class 1<br>-Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III<br>Or MILL-C23411A or MIL-PRF-81309 and wipe off excess.<br>-Certificate of Conformity is required | Firmed | -       | 9/25/19  | 4 pcs          | 0 pcs             | 4 pcs   | \$0.99/pcs       | \$3.96         |



Dart Aerospace Ltd.  
1270 Aberdeen St.  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## POHB044523



| Items     |        |                    |                                                                                                                                                                                                                                                                                              |        |         |          |                |                   |         |                  |                |
|-----------|--------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|----------|----------------|-------------------|---------|------------------|----------------|
| Line Item | Job    | Part               | Description                                                                                                                                                                                                                                                                                  | Status | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
| 3         | 200410 | RBW5605G00551-3G-1 | Shoe<br>-Issue P/O;<br><br>-Black oxide finish, MIL-C-13924C Class 1<br>-Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III<br>Or MILL-C23411A or MIL-PRF-81309 and wipe off excess.<br>-Material type; 4140<br>-Certificate of Conformity is required    | Firmed | -       | 9/25/19  | 1 pcs          | 0 pcs             | 1 pcs   | \$1.11/pcs       | \$1.11         |
|           |        |                    |                                                                                                                                                                                                                                                                                              | X1     |         |          |                |                   |         |                  | DP             |
|           |        |                    |                                                                                                                                                                                                                                                                                              |        |         |          |                |                   |         |                  | SEP 23 2019    |
| 4         | 198052 | RBW6405G04132-3G-6 | Rod<br>-Issue P/O;<br>-Black oxide finish, MIL-C-13924C Class 1<br>-Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III<br>Or MILL-C23411A or MIL-PRF-81309 and wipe off excess.<br>-Material type; Stress Proof<br>-Certificate of Conformity is required | Firmed | -       | 9/25/19  | 5 pcs          | 0 pcs             | 5 pcs   | \$9.90/pcs       | \$49.50        |
|           |        |                    |                                                                                                                                                                                                                                                                                              | X5     |         |          |                |                   |         |                  | DP             |
|           |        |                    |                                                                                                                                                                                                                                                                                              |        |         |          |                |                   |         |                  | SEP 25 2019    |
| 5         | 196252 | RBSC7028-P-5       | Cutter<br>Issue P/O to Groupe Altech;<br>PO<br>-Black oxide finish, MIL-C-13924C Class 1<br>-Certificate of Conformity is required                                                                                                                                                           | Firmed | -       | 9/25/19  | 10 pcs         | 0 pcs             | 10 pcs  | \$2.87/pcs       | \$28.70        |
|           |        |                    |                                                                                                                                                                                                                                                                                              | X10    |         |          |                |                   |         |                  | DP             |
|           |        |                    |                                                                                                                                                                                                                                                                                              |        |         |          |                |                   |         |                  | SEP 23 2019    |



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# PURCHASE ORDER

## POHB044523



| Items     |        |                         |                                                                                                                                                                                                                                                                                               |        |         |          |                |                   |         |                  |                |
|-----------|--------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|----------|----------------|-------------------|---------|------------------|----------------|
| Line Item | Job    | Part                    | Description                                                                                                                                                                                                                                                                                   | Status | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
| 6         | 199561 | RBW6522A00231-W142AK-3T | Tail Rotor Gear Box/Mast Output Oil Seal Assembly Press Tool<br>(Outside Processing - Black Oxide)<br>-Issue P/O to Groupe Altech<br>-Black oxide finish, MIL-C-13924C Class 1<br>-Certificate of Conformity is required                                                                      | Firmed | -       | 9/25/19  | 6 pcs          | 0 pcs             | 6 pcs   | \$8.43/pcs       | \$50.58        |
| 7         | 196076 | RBW5605G00251-3G-3      | Handle<br>-Issue P/O;<br>-Black oxide finish, MIL-C-13924C Class 1<br>-Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III<br>Or MILL-C23411A or MIL-PRF-81309 and wipe off excess.<br>-Material type;<br>-Certificate of Conformity is required            | Firmed | -       | 9/25/19  | 1 pcs          | 0 pcs             | 1 pcs   | \$1.51/pcs       | \$1.51         |
| 8         | 196078 | RBW5605G00351-3G-3      | Handle<br>-Issue P/O;<br>-Black oxide finish, MIL-C-13924C Class 1<br>-Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III<br>Or MILL-C23411A or MIL-PRF-81309 and wipe off excess.<br>-Material type; Tool steel<br>-Certificate of Conformity is required | Firmed | -       | 9/25/19  | 1 pcs          | 0 pcs             | 1 pcs   | \$1.48/pcs       | \$1.48         |



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# PURCHASE ORDER

## POHB044523



| Items        |        |                    |                                                                                                                                                                                                                                                                                                  |        |         |          |                |                   |         |                  |                |
|--------------|--------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|----------|----------------|-------------------|---------|------------------|----------------|
| Line Item    | Job    | Part               | Description                                                                                                                                                                                                                                                                                      | Status | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
| 9            | 196079 | RBW5605G00551-3G-3 | Handle<br>-Issue P/O;<br>-Black oxide finish,<br>MIL-C-13924C Class 1<br>-Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III<br>Or MILL-C23411A or MIL-PRF-81309 and wipe off excess.<br>-Material type; Tool steel<br>-Certificate of Conformity is required | Firmed | -       | 9/25/19  | 1 pcs          | 0 pcs             | 1 pcs   | \$1.41/pcs       | \$1.41         |
| Grand Total: |        |                    |                                                                                                                                                                                                                                                                                                  |        |         |          |                |                   |         |                  | \$162.09       |

### Order Notes

Procurement Quality Clauses  
 A005 right of entry  
 A012 chemical and physical test report  
 A016 personnel qualification  
 A017 raw material identification (as applicable)

A022 Apical Processing  
 A024 process certifications  
 A026 certification of material conformance

A041 quality management system  
 A042 dart notification by supplier  
 A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 9/20/19 11:02 AM Dart.Guerin.Kimberley





# Certificat de Conformité / Certificate of Compliance

(022506-2)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9  
 Tel: 514-335-3666 Fax: 514-335-3868  
 www.grouppaltech.com

## Bon de Livraison / Packing Slip

**022506 - 2**

Livré à / Ship to

**DART AEROSPACE LTD**  
 1270 ABERDEEN STREET  
 HAWKESBURY, ON, K6A1K7  
 CANADA  
 Tel.: 613-632-5200 Fax.:

Client / Customer:

**DART AEROSPACE LTD**  
 1270 ABERDEEN STREET  
 HAWKESBURY, ON, K6A1K7  
 CANADA  
 BUYER:

|                              |                                                                           |                                                                                                                                                                           |  |                                                |  |                                                                                                        |   |   |   |   |
|------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------|--|--------------------------------------------------------------------------------------------------------|---|---|---|---|
| Date expédition<br>Ship date |                                                                           | Crée Par<br>Generated By                                                                                                                                                  |  | Transport / No de Compte<br>Courier / Acc. No. |  | Bon de commande Client<br>Customer Purchase Order No.                                                  |   |   |   |   |
| 24-Sep-2019                  |                                                                           | Jigar Patel                                                                                                                                                               |  |                                                |  | POHB044523                                                                                             |   |   |   |   |
| #Ligne<br>Line#              | No. de Série / # Pièce<br>Part Number /Line Item Details<br>Job # / Ref # | Description pièce(s)                                                                                                                                                      |  | CATG.<br>U/M                                   |  | Quantités / Quantities<br>Comm. Exp/ Qté NC/ Qté À venir/<br>/Ordered Shipped NC Qty Scrap/ Back Order |   |   |   |   |
| 1                            | RBT18635-3<br>Rev.                                                        | RBT18635-3<br>01-OXIDE-BLK & OIL [OXIDE BLACK AND OIL ]<br>MIL-C-13924C CLASS 1<br>APPLY THIN LAYER OF OIL<br>MIL-PRF-16173 GRADE3 CLASS 1<br>WIPE OFF EXCESS OIL         |  | BLACK-OXIDE<br>CH                              |  | 4                                                                                                      | 4 | 0 | 0 | 0 |
| 2                            | RBT18635-1<br>Rev.                                                        | RBT18635-1<br>01-OXIDE-BLK & OIL [OXIDE BLACK AND OIL ]<br>MIL-C-13924C CLASS 1<br>APPLY THIN LAYER OF OIL<br>MIL-PRF-16173 GRADE3 CLASS 1<br>WIPE OFF EXCESS OIL         |  | BLACK-OXIDE<br>CH                              |  | 4                                                                                                      | 4 | 0 | 0 | 0 |
| 4                            | RBW6405G04132-3G-6<br>Rev.                                                | RBW6405G04132-3G-6<br>01-OXIDE-BLK & OIL [OXIDE BLACK AND OIL ]<br>MIL-C-13924C CLASS 1<br>APPLY THIN LAYER OF OIL<br>MIL-PRF-16173 GRADE3 CLASS 1<br>WIPE OFF EXCESS OIL |  | OXIDE-BLACK<br>CH                              |  | 5                                                                                                      | 5 | 0 | 0 | 0 |
| 7                            | RBW5605G00251-3G-3<br>Rev.                                                | RBW5605G00251-3G-3<br>01-OXIDE-BLK & OIL [OXIDE BLACK AND OIL ]<br>MIL-C-13924C CLASS 1<br>APPLY THIN LAYER OF OIL<br>MIL-PRF-16173 GRADE3 CLASS 1<br>WIPE OFF EXCESS OIL |  | OXIDE-BLACK<br>CH                              |  | 1                                                                                                      | 1 | 0 | 0 | 0 |
| 8                            | RBW5605G00351-3G-3<br>Rev.                                                | RBW5605G00351-3G-3<br>01-OXIDE-BLK & OIL [OXIDE BLACK AND OIL ]<br>MIL-C-13924C CLASS 1<br>APPLY THIN LAYER OF OIL<br>MIL-PRF-16173 GRADE3 CLASS 1<br>WIPE OFF EXCESS OIL |  | OXIDE-BLACK<br>CH                              |  | 1                                                                                                      | 1 | 0 | 0 | 0 |
| 9                            | RBW5605G00551-3G-3<br>Rev.                                                | RBW5605G00551-3G-3<br>01-OXIDE-BLK & OIL [OXIDE BLACK AND OIL ]<br>MIL-C-13924C CLASS 1<br>APPLY THIN LAYER OF OIL<br>MIL-PRF-16173 GRADE3 CLASS 1<br>WIPE OFF EXCESS OIL |  | OXIDE-BLACK<br>CH                              |  | 1                                                                                                      | 1 | 0 | 0 | 0 |

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